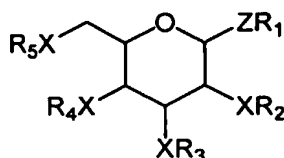30

CLAIMS:

1.   A method of inhibiting or effecting the activity of a GPCR which comprises contacting   a GPCR with a compound of general formula 1, or a. pharmaceutically acceptable salt thereof

5

General Formula I

10   Wherein the ring may be of any configuration;

Z is selected from the group consisting of: sulphur, oxygen, or NR^A wherein R^A is selected from the set defined for R_1 to R_5 or C1 to C15 acyl, C4 to C15 arylacyl or C4 to C15 heteroarylacyl, with the proviso that both R_1 and R^A are not hydrogen,

15

X is selected from the group consisting of: oxygen or NR^A providing that at least one X of General Formula I is NR^A,

R_1 to R_5 are independently selected from the group consisting of: H, C1 to C12 alkyl,
20   C1 to C12 alkenyl, C1 to C12 alkynyl, C1 to C12 heteroalkyl, C4 to C15 aryl, C4 to C15 heteroaryl, C4 to C15 arylalkyl or C4 to C15 heteroarylalkyl substituent ,

wherein, when X is NR^A, both R^A and the corresponding R_1 to R_5 are not hydrogen.

25   2.   The method of claim 1, wherein any one of R^A or R_1 to R_5 is substituted with a moiety selected from the group consisting of: OH, NO, NO_2, NH_2, N_3, halogen, CF_3, CHF_2, CH_2F, nitrile, alkoxy, aryloxy, amidine, guanidiniums, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl,
30   substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramide,

hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl.

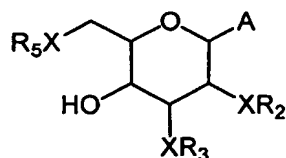3.   The method of claim 1, wherein the compound is
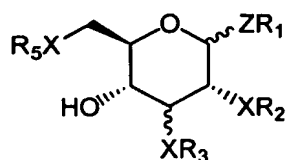
General Formula II

4.   The method of claim 1, wherein the compound is

General Formula III

Wherein A is selected from the group consisting of: $N(R^A)R_1$, SR_1, or OR_1.

5.   The method of claim 1, wherein the compound is

General Formula IV

32

6.   The method of claim 1, wherein the compound is

General Formula V

7.   The method of claim 1, wherein the compound is

General Formula VI

8.   The method of claim 1, wherein the compound is
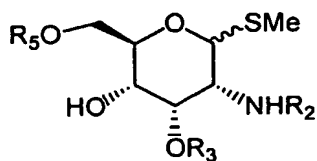
General Formula VII

9.   The method of claim 1, wherein the compound is
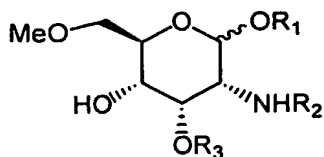
General Formula VIII

33

10.   The method of claim 1, wherein the compound is
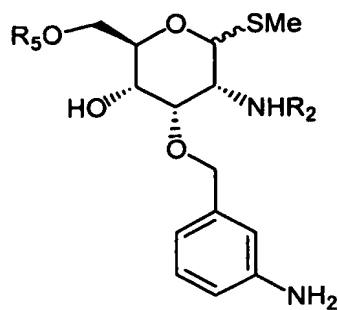
General Formula IX

11.   The method of claim 1, wherein the compound is
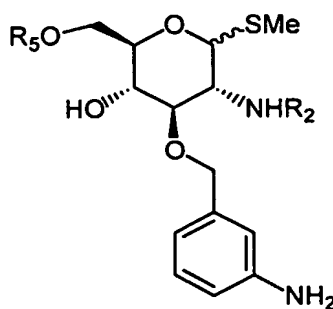
General Formula X

12.   The method of claim 1, wherein the compound is
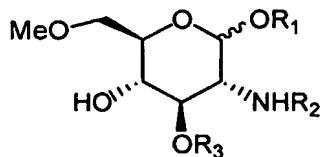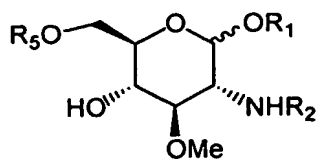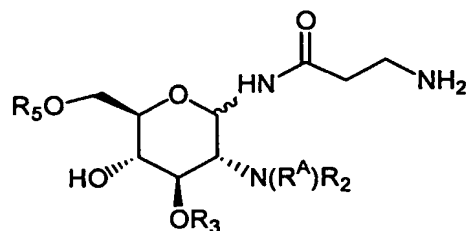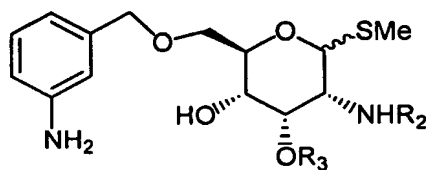

General Formula XI

13.   The method of claim 1, wherein the compound is
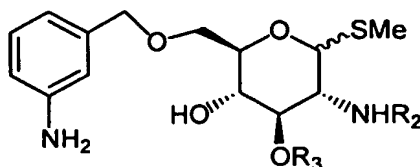
General Formula XII

14   The method of claim 1, wherein the receptor is a somatostatin receptor.

15.   The method of claim 1, wherein the receptor is a melanocortin receptor.

16.   The method of claim 14, wherein the compound is
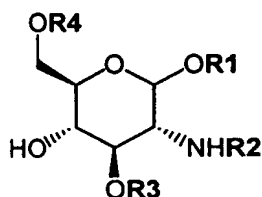
wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4
P1	G1	P1	P7
P1	G2	P2	P7
P1	A3	P3	P7
P2	A3	P3	P7
P3	G2	P1	P7
P3	A3	P1	P7
P3	G3	P1	P7
P3	A3	P3	P7
P3	G2	P4	P7
P3	A3	P4	P7
P3	G3	P4	P7
P4	G2	P1	P7
P4	G2	P2	P7
P4	G3	P2	P7
P4	A3	P3	P7

P4	G2	P4	P7
P4	G3	P4	P7
P6	G2	P1	P7
P1	A3	P6	P7
P2	A3	P6	P7
P2	G3	P6	P7
P3	A3	P6	P7
P4	A3	P6	P7
P5	A3	P6	P7
P1	A3	P1	P7
P1	G3	P1	P7
P1	G3	P2	P7
P1	G2	P3	P7
P1	G2	P4	P7
P1	A3	P4	P7
P1	G3	P4	P7
P2	G1	P1	P7
P2	G2	P1	P7
P2	A3	P1	P7
P2	G2	P2	P7
P2	A3	P2	P7
P2	G3	P2	P7
P2	G3	P3	P7
P2	A3	P4	P7
P2	G3	P4	P7
P4	A3	P1	P7
P4	G3	P1	P7
P4	A3	P2	P7
P4	G3	P3	P7
P5	A3	P1	P7
P5	G3	P1	P7
P5	A3	P2	P7
P5	A3	P4	P7
P5	G3	P4	P7
P1	A3	P1	P7
P3	A3	P2	P7
P4	A3	P4	P7

and wherein the groups A, P and G are as described in "Substituents per Example Libraries 1-14" in the specification.

17.   The method of claim 15, wherein the compound is
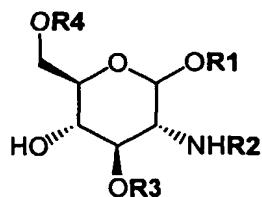
wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4	MC4 inhibition at 10 micromolar
P1	G1	P1	P7	+
P3	G1	P1	P7	+
P3	G2	P1	P7	+
P4	G2	P1	P7	+
P4	G2	P2	P7	+
P4	G3	P2	P7	+
P5	G1	P1	P7	+
P5	G2	P1	P7	+
P1	A3	P1	P7	+
P1	G3	P1	P7	+
P1	G3	P2	P7	+
P1	G2	P4	P7	+
P1	A3	P4	P7	+
P1	G3	P4	P7	+
P2	G1	P1	P7	+
P2	G2	P1	P7	+
P2	A3	P1	P7	+
P2	G2	P2	P7	+
P2	A3	P2	P7	+
P2	G3	P2	P7	+
P2	G3	P4	P7	+
P4	G3	P1	P7	+
P4	A3	P2	P7	+
P5	G3	P1	P7	+
P1	A3	P1	P7	+

5   and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

18.   The method of claim 15, wherein the compound is

wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4
P1	G1	P7	P1
P1	G2	P7	P1
P1	G3	P7	P1
P1	G1	P7	P2
P1	A3	P7	P2
P1	G3	P7	P2
P1	G1	P7	P4
P1	G2	P7	P4
P1	A3	P7	P4
P1	G3	P7	P4
P2	G1	P7	P1
P2	G2	P7	P1
P2	A3	P7	P1
P2	G3	P7	P1
P2	G1	P7	P2
P2	G2	P7	P2
P2	A3	P7	P2
P2	G3	P7	P2
P2	G1	P7	P4
P2	G2	P7	P4
P2	A3	P7	P4
P2	G3	P7	P4
P3	G3	P7	P1
P3	G1	P7	P2
P3	G3	P7	P4
P4	G1	P7	P1
P4	G2	P7	P1
P4	G3	P7	P1
P4	G1	P7	P2
P4	G2	P7	P2
P4	A3	P7	P2
P4	G3	P7	P2
P4	G1	P7	P4
P4	G2	P7	P4

P4	A3	P7	P4
P4	G3	P7	P4
P5	G1	P7	P1
P5	G2	P7	P1
P5	A3	P7	P1
P5	G3	P7	P1
P5	G1	P7	P2
P5	G2	P7	P2
P5	A3	P7	P2
P5	G3	P7	P2
P5	G1	P7	P4
P5	G2	P7	P4
P5	A3	P7	P4
P5	G3	P7	P4
P1	G1	P7	P6
P4	G2	P7	P6
P6	G1	P7	P1
P6	G2	P7	P1
P6	A3	P7	P1
P6	G3	P7	P2
P6	G2	P7	P2
P6	G3	P7	P2

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

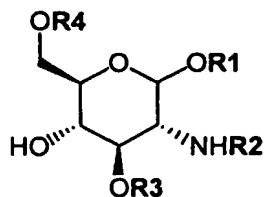5   19.   The method of claim 14, wherein the compound is
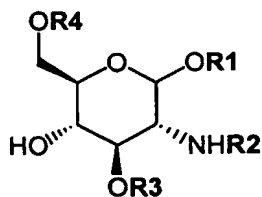
wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4
P1	G1	P7	P1
P1	G2	P7	P1
P1	G2	P7	P2
P1	A3	P7	P2
P2	A3	P7	P1
P2	A3	P7	P2
P2	A3	P7	P4

P3	G1	P7	P2
P3	A3	P7	P4
P4	G2	P7	P1
P4	A3	P7	P1
P4	G3	P7	P1
P4	G1	P7	P2
P4	G2	P7	P2
P4	A3	P7	P2
P4	G3	P7	P2
P4	A3	P7	P3
P4	A3	P7	P4
P5	A3	P7	P1
P5	A3	P7	P2
P5	G3	P7	P2
P5	A3	P7	P4
P2	A3	P7	P6
P4	A3	P7	P6
P6	A3	P7	P4

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

5   20.   The method of claim 15, wherein the compound is
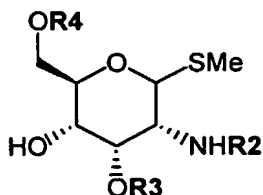

wherein

R4, R2 and R3 are selected from the group combinations of :

R2	R3	R4
G1	P3	P3
A2	P3	P3
G2	P3	P3
G3	P3	P3
G1	P3	P4
G2	P3	P4
A3	P3	P4
G3	P3	P4

G1	P3	P1
A2	P3	P1
G2	P3	P1
A3	P3	P1
G3	P3	P1
A1	P3	P2
G1	P3	P2
A2	P3	P2
G2	P3	P2
A3	P3	P2
G3	P3	P2
G1	P4	P3
A2	P4	P3
G2	P4	P3
G3	P4	P3
G1	P4	P4
A2	P4	P4
G2	P4	P4
G3	P4	P4
A1	P4	P1
G1	P4	P1
A2	P4	P1
G2	P4	P1
A3	P4	P1
G3	P4	P1
A1	P4	P2
G1	P4	P2
A2	P4	P2
G2	P4	P2
A3	P4	P2
G3	P4	P2
A1	P1	P3
G1	P1	P3
A2	P1	P3
G2	P1	P3
A3	P1	P3
G3	P1	P3
A1	P1	P4
G1	P1	P4
A2	P1	P4
G2	P1	P4
A3	P1	P4
G3	P1	P4
A1	P1	P1
G1	P1	P1
A2	P1	P1

G2	P1	P1
A3	P1	P1
A1	P1	P2
G1	P1	P2
A2	P1	P2
G2	P1	P2
A3	P1	P2
G3	P1	P2
A1	P2	P3
G1	P2	P3
G2	P2	P3
A3	P2	P3
G3	P2	P3
A1	P2	P4
G1	P2	P4
A2	P2	P4
G2	P2	P4
A3	P2	P4
G3	P2	P4
A1	P2	P1
G1	P2	P1
A2	P2	P1
G2	P2	P1
A3	P2	P1
G3	P2	P1
A1	P2	P2
G1	P2	P2
A2	P2	P2
G2	P2	P2

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

21   The method of claim 14, wherein the compound is

$$OR4$$
(chemical structure: pyranose ring with OR4, O, SMe, HO, NHR2, OR3 substituents)
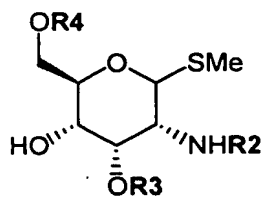
wherein R4, R2 and R3 are selected from the group combinations of:

R2	R3	R4

A1	P3	P3
G1	P3	P3
A2	P3	P3
G2	P3	P3
A3	P3	P3
G3	P3	P3
A1	P3	P4
G1	P3	P4
A2	P3	P4
G2	P3	P4
A3	P3	P4
G3	P3	P4
A1	P3	P1
G1	P3	P1
A2	P3	P1
G2	P3	P1
A3	P3	P1
G3	P3	P1
A1	P3	P2
G1	P3	P2
A2	P3	P2
G2	P3	P2
A3	P3	P2
G3	P3	P2
A1	P4	P3
G1	P4	P3
A2	P4	P3
G2	P4	P3
A3	P4	P3
G3	P4	P3
A1	P4	P4
G1	P4	P4
A2	P4	P4
G2	P4	P4
A3	P4	P4
G3	P4	P4
A1	P4	P1
G1	P4	P1
A2	P4	P1
G2	P4	P1
A3	P4	P1
G3	P4	P1
A1	P4	P2
G1	P4	P2
A2	P4	P2
G2	P4	P2

A3	P4	P2
G3	P4	P2
A1	P1	P3
G1	P1	P3
A2	P1	P3
G2	P1	P3
A3	P1	P3
G3	P1	P3
A1	P1	P4
G1	P1	P4
A2	P1	P4
G2	P1	P4
A3	P1	P4
G3	P1	P4
A1	P1	P1
G1	P1	P1
A2	P1	P1
G2	P1	P1
A3	P1	P1
G3	P1	P1
A1	P1	P2
G1	P1	P2
A2	P1	P2
G2	P1	P2
A3	P1	P2
G3	P1	P2
A1	P2	P3
G1	P2	P3
A2	P2	P3
G2	P2	P3
A3	P2	P3
G3	P2	P3
A1	P2	P4
G1	P2	P4
A2	P2	P4
G2	P2	P4
A3	P2	P4
G3	P2	P4
A1	P2	P1
G1	P2	P1
A2	P2	P1
G2	P2	P1
A3	P2	P1
G3	P2	P1
A1	P2	P2
G1	P2	P2

A2	P2	P2
G2	P2	P2

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

22.   The method of claim 15, wherein the compound is

5
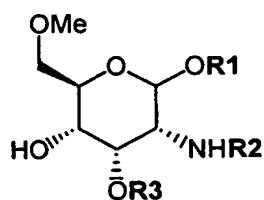
wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
P3	G1	P3
P3	G2	P3
P3	G3	P3
P3	A1	P4
P3	G1	P4
P3	A2	P4
P3	G2	P4
P3	A3	P4
P3	G3	P4
P3	A1	P1
P3	G1	P1
P3	A2	P1
P3	G2	P1
P3	A3	P1
P3	G3	P1
P3	G1	P2
P3	A2	P2
P3	G2	P2
P3	A3	P2
P3	G3	P2
P4	G1	P3
P4	G2	P3
P4	G3	P3

P4	A1	P4
P4	G1	P4
P4	A2	P4
P4	G2	P4
P4	A3	P4
P4	G3	P4
P4	A1	P1
P4	G1	P1
P4	A2	P1
P4	G2	P1
P4	A3	P1
P4	G3	P1
P4	A1	P2
P4	G1	P2
P4	A2	P2
P4	G2	P2
P4	A3	P2
P4	G3	P2
P5	G1	P3
P5	G2	P3
P5	G3	P3
P5	G1	P4
P5	A2	P4
P5	G2	P4
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P5	G1	P1
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P5	G2	P1
P5	A3	P1
P5	G3	P1
P5	A1	P2
P5	G1	P2
P5	A2	P2
P5	G2	P2
P5	A3	P2
P5	G3	P2
P2	G1	P3
P2	A2	P3
P2	G2	P3
P2	G1	P4
P2	G2	P4
P2	A3	P4
P2	G3	P4
P2	G1	P1

P2	A2	P1
P2	G2	P1
P2	A3	P1
P2	G3	P1
P2	A1	P2
P2	G1	P2
P2	G2	P2
P2	G3	P2

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

5   23.   The method of claim 14, wherein the compound is

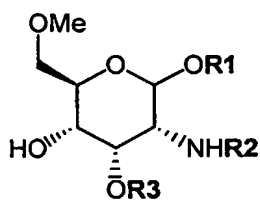wherein R1, R2 and R3 are selected from the group combinations of:

10

R1	R2	R3
P3	A1	P3
P3	G1	P3
P3	A2	P3
P3	G2	P3
P3	A3	P3
P3	G3	P3
P3	A1	P4
P3	G1	P4
P3	A2	P4
P3	G2	P4
P3	A3	P4
P3	G3	P4
P3	A1	P1
P3	G1	P1
P3	A2	P1
P3	G2	P1

P3	A3	P1
P3	G3	P1
P3	A1	P2
P3	G1	P2
P3	A2	P2
P3	G2	P2
P3	A3	P2
P3	G3	P2
P4	G1	P3
P4	A2	P3
P4	G2	P3
P4	A3	P3
P4	G3	P3
P4	A1	P4
P4	G1	P4
P4	A2	P4
P4	G2	P4
P4	A3	P4
P4	G3	P4
P4	A1	P1
P4	G1	P1
P4	A2	P1
P4	G2	P1
P4	A3	P1
P4	G3	P1
P4	A1	P2
P4	G1	P2
P4	A2	P2
P4	G2	P2
P4	A3	P2
P4	G3	P2
P5	A1	P3
P5	A2	P3
P5	G2	P3
P5	A3	P3
P5	G3	P3
P5	A1	P4
P5	G1	P4
P5	A2	P4
P5	G2	P4
P5	A3	P4
P5	G3	P4
P5	A1	P1
P5	G1	P1
P5	A2	P1
P5	G2	P1

P5	A3	P1
P5	G3	P1
P5	A1	P2
P5	G1	P2
P5	A2	P2
P5	G2	P2
P5	A3	P2
P5	G3	P2
P2	A1	P3
P2	G1	P3
P2	A2	P3
P2	G2	P3
P2	A3	P3
P2	G3	P3
P2	A1	P4
P2	G1	P4
P2	A2	P4
P2	G2	P4
P2	A3	P4
P2	G3	P4
P2	A1	P1
P2	G1	P1
P2	A2	P1
P2	G2	P1
P2	A3	P1
P2	G3	P1
P2	A1	P2
P2	G1	P2
P2	A2	P2
P2	G2	P2
P2	A3	P2
P2	G3	P2

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

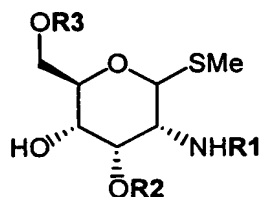24.   The method of claim 15, wherein the compound is

wherein R1, R2 and R3 are selected from the group combinations of:

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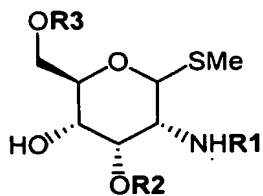
R1	R2	R3
P3	N4	E2
P3	N4	E4
P3	N4	E6
P4	N4	E2
P4	N4	E4

and wherein the groups P, N and E are as described in "Substituents per Example Libraries 1-14" in the specification.

25.   The method of claim 14, wherein the compound is

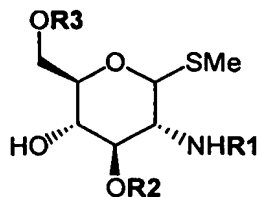wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
P3	N4	E5
P3	N4	E6
P4	N4	E1
P4	N4	E2
P4	N4	E5

and wherein the groups P, N and E are as described in "Substituents per Example Libraries 1-14" in the specification.
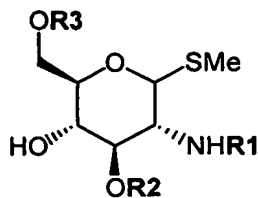
26.   The method of claim 15, wherein the compound is

wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
E2	N4	P3
E4	N4	P3
E6	N4	P3
E4	N4	P4
E5	N4	P4
E6	N4	P4

and wherein the groups P, N and E are as described in "Substituents per Example Libraries 1-14" in the specification.

27.   The method of claim 14, wherein the compound is

wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
E1	N4	P3
E5	N4	P3
E6	N4	P3
E1	N4	P4
E2	N4	P4
E5	N4	P4

and wherein the groups P, N and E are as described in "Substituents per Example

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Libraries 1-14" in the specification.

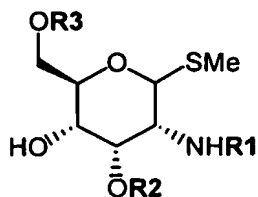28.   The method of claim 15, wherein the compound is

5   wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
E2	P3	N4
E4	P3	N4
E6	P3	N4
E1	P4	N4
E6	P4	N4

and wherein the groups E, P and N are as described in "Substituents per Example Libraries 1-14" in the specification.

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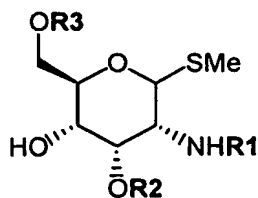29.   The method of claim 14, wherein the compound is

wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
E1	P3	N4
E2	P3	N4
E5	P3	N4
E6	P3	N4
E1	P4	N4

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and wherein the groups E, P and N are as described in "Substituents per Example Libraries 1-14" in the specification.
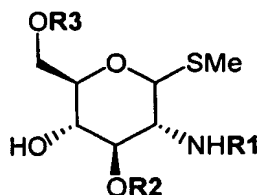
30.   The method of claim 15, wherein the compound is

5   wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
E1	P3	N4
E2	P3	N4
E3	P3	N4
E5	P3	N4
E1	P4	N4
E2	P4	N4
E3	P4	N4
E5	P4	N4

and wherein the groups E, P and N are as described in "Substituents per Example Libraries 1-14" in the specification.

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31.   The method of claim 14, wherein the compound is

wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
E5	P3	N4
E6	P3	N4
E1	P4	N4
E2	P4	N4
E5	P4	N4

and wherein the groups E, P and N are as described in "Substituents per Example Libraries 1-14" in the specification.

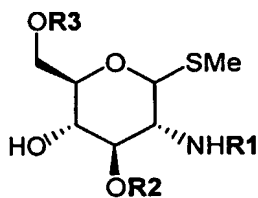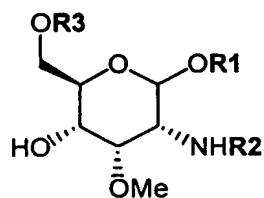32.   The method of claim 15, wherein the compound is

wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
P4	E8	P2
P4	E9	P2
P4	E10	P2
P4	G1	P2
P4	E8	P2
P4	E9	P2
P4	E11	P2
P4	G1	P2

and wherein the groups P, G and E are as described in "Substituents per Example Libraries 1-14" in the specification.

33.   The method of claim 15, wherein the compound is
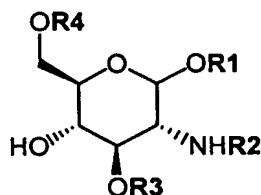
wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4
P2	A2	P4	P2
P2	A2	P4	P2
P2	A2	P4	P3
P2	A2	P4	P3
P2	A2	P4	P4

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P2	A2	P4	P4
P2	A2	P2	P2
P2	A2	P2	P2
P2	A2	P2	P3
P2	A2	P2	P4
P2	A2	P2	P4
P2	A2	P3	P2
P2	A2	P3	P3
P2	A2	P3	P3
P2	A2	P3	P4
P2	A3	P4	P2
P2	A3	P4	P2
P2	A3	P4	P4
P2	A3	P4	P4
P2	A3	P2	P2
P2	A3	P2	P4
P2	A3	P2	P4
P2	A3	P3	P2
P2	A3	P3	P2
P2	A3	P3	P3
P2	A3	P3	P4
P4	A2	P4	P3
P4	A2	P4	P4
P4	A2	P2	P2
P4	A2	P2	P3
P4	A2	P2	P3
P4	A2	P2	P4
P4	A2	P2	P4
P4	A2	P3	P2
P4	A2	P3	P3
P4	A2	P3	P4
P4	A3	P4	P2
P4	A3	P4	P3
P4	A3	P4	P4
P4	A3	P2	P2
P4	A3	P2	P2
P4	A3	P2	P3
P4	A3	P2	P3
P4	A3	P2	P4
P4	A3	P2	P4
P4	A3	P3	P2
P4	A3	P3	P4

and wherein the groups P, and A are as described in "Substituents per Example Libraries 1-14" in the specification.

34.   The method of claim 15, wherein the compound is

wherein R1, R2, R3 and R4 are selected from the group combinations of:
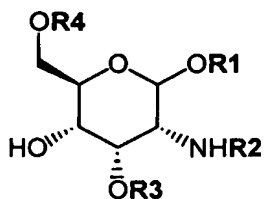
R1	R2	R3	R4
P3	A2	P4	P2
P3	A2	P4	P3
P3	A2	P4	P4
P3	A2	P2	P2
P3	A2	P2	P3
P3	A2	P2	P4
P3	A2	P3	P2
P3	A2	P3	P3
P3	A2	P3	P4
P3	A3	P4	P2
P3	A3	P4	P4
P3	A3	P2	P2
P3	A3	P2	P3
P3	A3	P2	P4
P3	A3	P3	P2
P3	A3	P3	P4
P2	A2	P4	P2
P2	A2	P4	P3
P2	A2	P4	P4
P2	A2	P2	P2
P2	A2	P2	P3
P2	A2	P2	P4
P2	A2	P3	P2
P2	A2	P3	P3
P2	A2	P3	P4
P2	A3	P4	P2
P2	A3	P4	P3
P2	A3	P4	P4
P2	A3	P2	P2
P2	A3	P2	P3
P2	A3	P2	P4
P2	A3	P3	P2
P2	A3	P3	P3
P2	A3	P3	P4

and wherein the groups P, and A are as described in "Substituents per Example Libraries 1-14" in the specification.

35.   The method of claim 15, wherein the compound is
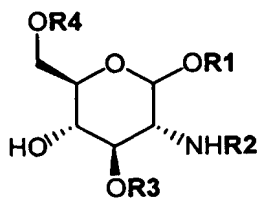

wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4
P3	G1	P4	P2
P3	G1	P4	P2
P3	G1	P4	P3
P3	G1	P4	P3
P3	G1	P4	P4
P3	G1	P2	P2
P3	G1	P2	P2
P3	G1	P2	P3
P3	G1	P2	P4
P3	G1	P2	P4
P3	G1	P1	P2
P3	G1	P1	P3
P3	G1	P1	P3
P3	G1	P1	P4
P3	G1	P1	P4
P3	G2	P4	P2
P3	G2	P4	P2
P3	G2	P4	P3
P3	G2	P4	P3
P3	G2	P4	P4
P3	G2	P4	P4
P3	G2	P2	P2
P3	G2	P2	P3
P3	G2	P2	P3
P3	G2	P2	P4
P3	G2	P2	P4
P3	G2	P1	P2
P3	G2	P1	P2
P3	G2	P1	P3
P3	G2	P1	P4
P3	G2	P1	P4

and wherein the groups P, and A are as described in "Substituents per Example Libraries 1-14" in the specification.

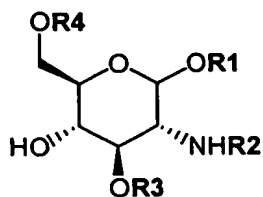35.   The method of claim 15, wherein the compound is

wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4
P3	G1	P4	P2
P3	G1	P4	P2
P3	G1	P4	P3
P3	G1	P4	P3
P3	G1	P4	P4
P3	G1	P2	P2
P3	G1	P2	P2
P3	G1	P2	P3
P3	G1	P2	P4
P3	G1	P2	P4
P3	G1	P1	P2
P3	G1	P1	P3
P3	G1	P1	P3
P3	G1	P1	P4
P3	G1	P1	P4
P3	G2	P4	P2
P3	G2	P4	P2
P3	G2	P4	P3
P3	G2	P4	P3
P3	G2	P4	P4
P3	G2	P4	P4
P3	G2	P2	P2
P3	G2	P2	P3
P3	G2	P2	P3
P3	G2	P2	P4
P3	G2	P2	P4
P3	G2	P1	P2
P3	G2	P1	P2
P3	G2	P1	P3
P3	G2	P1	P4
P3	G2	P1	P4

P3 |G2 |P1 |P5 |

and wherein the groups P, and G are as described in "Substituents per Example Libraries 1-14" in the specification.

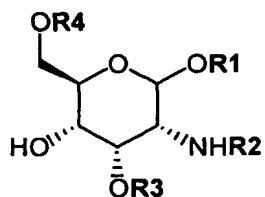5   36.   The method of claim 15, wherein the compound is

wherein R1, R2, R3 and R4 are selected from the group combinations of:

R1	R2	R3	R4
P1	G1	P4	P2
P1	G1	P4	P3
P1	G1	P4	P4
P1	G1	P2	P3
P1	G1	P2	P4
P1	G1	P1	P3
P1	G1	P1	P4
P1	G2	P4	P2
P1	G2	P4	P3
P1	G2	P4	P4
P1	G2	P2	P2
P1	G2	P2	P3
P1	G2	P2	P4
P1	G2	P1	P2
P1	G2	P1	P3
P1	G2	P1	P4
P4	G1	P4	P2
P4	G1	P4	P3
P4	G1	P4	P4
P4	G1	P2	P2
P4	G1	P2	P3
P4	G1	P2	P4
P4	G1	P1	P2
P4	G1	P1	P3
P4	G1	P1	P4
P4	G2	P4	P2
P4	G2	P4	P3
P4	G2	P4	P4
P4	G2	P2	P2

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P4	G2	P2	P3
P4	G2	P2	P4
P4	G2	P1	P2
P4	G2	P1	P3
P4	G2	P1	P4
P1	G3	P3	P3

and wherein the groups P, and G are as described in "Substituents per Example Libraries 1-14" in the specification.

5   37.   The method of claim 15, wherein the compound is
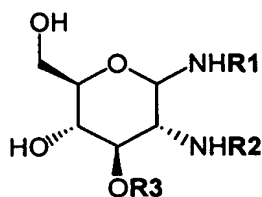
wherein R1, R2 and R3 are selected from the group combinations of:

R1	R2	R3
A2	G4	P3
A2	G4	P12
A2	G4	P13
A2	G4	P1
A2	E1	P3
A2	E1	P4
A2	E1	P12
A2	E1	P13
A1	E1	P3
A1	E1	P4

and wherein the groups P, A and E are as described in "Substituents per Example

10   Libraries 1-14" in the specification.

      38.   A pharmaceutical formulation comprising a compound as claimed in claim 1 or a pharmaceutically acceptable salt thereof, together with one or more pharmaceutically acceptable carriers, diluents or excipients.

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